

S/N UNKNOWN

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Haumont, et al. Serial No.: UNKNOWN
Filed: CONCURRENT HEREWITH Docket No.: 975.320USW1
Title: VOICE MAIL SERVER, MOBILE STATION AND METHOD FOR VOICE
MAIL MESSAGE TRANSMISSION

CERTIFICATE UNDER 37 CFR 1.10

'Express Mail' mailing label number: EL605624565US

Date of Deposit: 28 December 2000

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By: Michele Read

Name: Michele Read

PRELIMINARY AMENDMENT

Box Patent Application
Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Please enter the following preliminary amendment into the above-referenced application.

ABSTRACT

Please insert the attached abstract into the application as the last page thereof.

CLAIMS

Please amend the claims as follows:

Please delete claims 1-32 and insert claims 33-72 as the claims to be examined.

In claim 34, line 1, please replace "claim 1" with --claim 33--.

In claim 35, line 1, please replace "according to one of claims 1 to 2" with
--according to claim 22--.

In claim 36, line 1, please replace "according to any one of claims 1 to 3" with

—according to claim 33--.

In claim 37, line 1, please replace “according to one of claims 1 to 3” with
—according to claim 33--.

In claim 38, line 1, please replace “according to one of claims 1 to 3” with
—according to claim 33--.

In claim 39, line 1, please replace “according to one of claims 4 to 6” with
—according to claim 36--.

In claim 40, line 1, please replace “according to one of claims 4 to 7” with
—according to claim 36--.

In claim 41, line 1, please replace “according to claim 8” with —according to claim
40--.

In claim 42, line 1, please replace “according to one of claims 3 to 9” with
—according to claim 35--.

In claim 44, line 1, please replace “according to claim 11” with —according to
claim 43--.

In claim 45, line 1, please replace “according to claim 11 or 12” with —according
to claim 43--.

In claim 46, line 1, please replace “according to claim 11 or 12” with —according
to claim 43--.

In claim 47, line 1, please replace “according to one of claims 11 to 14” with
—according to claim 43--.

In claim 48, line 1, please replace “according to one of claims 11 to 15” with
—according to claim 43--.

In claim 49, line 1, please replace "according to claim 16" with –according to claim 48--.

In claim 51, line 1, please replace "according to claim 18" with –according to claim 50--.

In claim 52, line 1, please replace "according to claims 18 or 19" with –according to claim 50--.

In claim 53, line 1, please replace "according to one of claims 18 to 20" with –according to claim 50--.

In claim 54, line 1, please replace "according to one of claims 18 to 21" with –according to claim 50--.

In claim 55, line 1, please replace "according to one of claims 18 to 21" with –according to claim 50--.

In claim 56, line 1, please replace "according to one of claims 18 to 21" with –according to claim 50--.

In claim 57, line 1, please replace "according to one of claims 18 to 24" with –according to claim 50--.

In claim 58, line 1, please replace "according to one of claims 19 to 25" with –according to claim 51--.

In claim 60, line 1, please replace "according to one of claims 18 to 27" with –according to claim 50--.

In claim 61, line 2, please replace "according to one of claims 18 to 28" with –according to claim 50--.

In claim 63, line 1, please replace "according to claim 30" with –according to claim 62--.

In claim 64, line 1, please replace "according to claim 30" with –according to claim 62--.

In claim 65, line 1, please replace "according to claim 30" with –according to claim 62--.

In claim 66, line 1, please replace "according to one of claims 30 to 33" with –according to claim 62--.

In claim 67, line 1, please replace "according to one of claims 30 to 34" with –according to claim 62--.

In claim 69, line 1, please replace "according to claim 36" with –according to claim 68--.

In claim 70, line 1, please replace "according to claim 36 or 37" with –according to claim 68--.

In claim 71, line 1, please replace "according to one of claims 36 to 38" with –according to claim 68--.

In claim 72, line 1, please replace "according to one of claims 36-39" with –according to claim 68--.

REMARKS

The above preliminary amendment is made to insert an abstract page into the application, to insert new claims into the application and to remove multiple dependencies from the following claims: 35, 36, 37, 38, 39, 40, 42, 45, 46, 47, 48, 52, 53, 54, 55, 56, 57, 58, 60, 61, 66, 67, 70, 71, and 72.

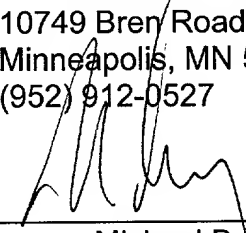
Applicant respectfully requests that this preliminary amendment be entered into the record prior to calculation of the filing fee and prior to examination and consideration of the above-identified application.

If a telephone conference would be helpful in resolving any issues concerning this communication, please contact Applicant's attorney of record, michael B. Lasky at (952) 912-0527.

Respectfully submitted,

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Dated: 28 December 2000



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MBL/mka

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33. Voice mail server for a cellular network (10),
comprising

15 a receiving means (22) for receiving an incoming
voice mail message,

an adapting means (26) for adapting the voice mail
message into a format suitable for transmission by a
network channel which does not meet a delay requirement
20 for delay-sensitive information, and

a transmission means (28) for dispatching the
adapted voice mail message to a mobile station (30),

wherein the adapting means (26) includes a
packetising means for packetising the voice mail message
25 into data packets suitable for packet-switched
transmission.

34. Voice mail server according to claim 1, wherein the
voice mail server (20) is adapted to adapt and transmit
30 the voice mail message conforming to GPRS and/or UMTS
standards.

35 35. Voice mail server according to one of claims 1 to 2,
wherein the voice mail server (20) is adapted to dispatch
the voice mail message to an IP and/or ISDN address of
said mobile station (30).

36. Voice mail server according to one of claims 1 to 3,
wherein the voice mail server (20) is adapted to
redispatch the voice mail message in a predefined manner
5 if the addressed mobile station (30) is unable to receive
the message, said predefined manner including the
repeated redispatchment of the voice mail message on a
regular or configurable basis for a predetermined period
of time.

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37. Voice mail server according to one of claims 1 to 3,
wherein the voice mail server (20) is adapted to queue
the voice mail message into a store-and-forward service,
if the addressed mobile station (30) is unable to receive
15 the message, and to inform the mobile station (30) of the
stored message when the mobile station (30) becomes
reachable again.

38. Voice mail server according to one of claims 1 to 3,
20 wherein the voice mail server (20) is adapted to queue
the voice mail message into a store-and-forward service,
if the addressed mobile station (30) is unable to receive
the message, and to dispatch the stored message to the
mobile station (30) when the mobile station (30) becomes
25 reachable again.

39. Voice mail server according to one of claims 4 to 6,
wherein the voice mail server (20) is adapted to dispatch
the stored message when the mobile station (30) asks for
30 messages or for a certain message.

40. Voice mail server according to one of claims 4 to 6,
wherein, if it is found that a storage means (35) of the
mobile station (30) can not store all voice mail messages

waiting at the voice mail server (20) at one time or if it is found that the voice mail message exceeds a predefined size, the voice mail server (20) is adapted to dispatch another message to the mobile station (30)

5 indicating that further voice mail messages or a remainder of said large voice mail message are still waiting to be dispatched.

41. Voice mail server according to claim 8, wherein the
10 voice mail server (20) is adapted to dispatch a list of a plurality of stored messages to the mobile station (30).

42. Voice mail server according to one of claims 3 to 9,
15 wherein the voice mail server (20) is adapted to transmit a special message to the mobile station (30) if a voice mail message is not dispatchable within a predetermined period of time.

43. Mobile station for a cellular network, comprising
20 a receiving means (32) for receiving an adapted voice mail message, wherein the adapted voice message is adapted such that it is packetised into data packets suitable for packet-switched transmission,

a readapting means (34) for readapting the received
25 message into a reproducible format, and

a reproduction means (36) for reproducing the received voice mail message.

44. Mobile station according to claim 11, further
30 comprising a storage means (35) adapted to store a plurality of voice mail messages.

45. Mobile station according to claim 11 or 12, wherein said reproduction means (36) is a speaker.

46. Mobile station according to claim 11 or 12, wherein
said reproduction means (36) includes a display means for
displaying an image or video portion included in said
5 voice mail message.

47. Mobile station according to one of claims 11 to 14,
wherein said mobile station (30) is adapted to receive
and readapt the voice mail message conforming to GPRS
10 and/or UMTS standards.

48. Mobile station according to one of claims 11 to 15,
wherein said mobile station (30) further includes
an adapting means (38) for adapting a voice mail
15 message into a format suitable for transmission by a
network channel which does not meet a delay requirement
for delay sensitive information, the adapting means (38)
comprising a packetising means for packetising the voice
mail message into data packets suitable for packet-
switched transmission, and
a transmission means (39) for dispatching the
adapted voice mail message to a voice mail server (20).

49. Mobile station according to claim 16, wherein the
25 mobile station (30) is adapted to adapt and transmit the
voice mail message conforming to GPRS and/or UMTS
standards.

50. Method for dispatching a voice mail message in a
30 cellular network, comprising the steps of:
receiving an incoming voice mail message at a voice
mail server (20) of said cellular network,
adapting the received voice mail message into a
format suitable for transmission by a network channel

which does not meet a delay requirement for delay sensitive information,

dispatching the adapted voice mail message to a mobile station (30),

5 receiving the dispatched voice mail message at the mobile station (30), and

readapting the received voice mail message into a reproducible format;

10 wherein the adapting step includes packetising the voice mail message into data packets suitable for packet-switched transmission.

51. Method according to claim 18, further comprising the step of

15 storing the received voice mail message in a storage means (35) of the mobile station (30).

52. Method according to one of claims 18 to 19, wherein the adapting step, the dispatching step, the receiving
20 step and the readapting step are carried out conforming to GPRS and/or UMTS standards.

53. Method according to one of claims 18 to 20, wherein the voice mail message is dispatched to an IP and/or ISDN
25 address of said mobile station (30).

54. Method according to one of claims 18 to 21, wherein the voice mail message is redispached in a predefined manner if the addressed mobile station (30) is unable to
30 receive the message, said predefined manner including a repeated redispachment on a regular or configurable basis for a predetermined period of time.

55. Method according to one of claims 18 to 21, wherein

the voice mail message is queued into a store-and-forward service, if the addressed mobile station (30) is unable to receive the message, and the mobile station (30) is informed of the stored message when the mobile station
5 (30) becomes reachable again.

56. Method according to one of claims 18 to 21, wherein the voice mail message is queued into a store-and-forward service, if the addressed mobile station (30) is unable
10 to receive the message, and dispatched to the mobile station (30) when the mobile station (30) becomes reachable again.

57. Method according to one of claims 18 to 24, wherein
15 the stored message is dispatched when the mobile station (30) asks for messages or for a certain message.

58. Method according to one of claims 19 to 25, wherein,
20 if it is found that the storage means (35) of the mobile station (30) can not store all voice mail messages waiting at the voice mail server (20) at one time or if it is found that the voice mail message exceeds a predefined size, another message is dispatched to the mobile station (30) indicating that further voice mail
25 messages or a remainder of said large voice mail message are still waiting to be dispatched.

59. Method according to claim 26, wherein a list of a
30 plurality of stored messages is dispatched to the mobile station (30).

60. Method according to one of claims 18 to 27, wherein another message is transmitted to the mobile station (30) if the voice mail message is not dispatchable within a

predetermined period of time.

61. Voice mail system for carrying out the method according to one of claims 18 to 28, comprising the voice
5 mail server (20) according to one of claims 1 to 10 and the mobile station (30) according to one of claims 11 to 17.

62. Mobile station for a cellular network, comprising
10 a receiving means (32) for receiving an adapted voice mail message,
an adapting means (38) for adapting a voice mail message into a format suitable for transmission by a network channel which does not meet a delay requirement
15 for delay sensitive information, and
a transmission means (39) for dispatching the adapted voice mail message to another mobile station,
a readapting means (34) for readapting the received message into a reproducible format, and
20 a reproduction means (36) for reproducing the stored voice mail message,
wherein said adapting means (38) includes a packetising means for packetising the voice mail message into data packets suitable for packet-switched
25 transmission.

63. Mobile station according to claim 30, further comprising a storage means (35) adapted to store a plurality of voice mail messages.

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64. Mobile station according to claim 30, wherein said reproduction means (36) is a speaker.

65. Mobile station according to claim 30, wherein said

reproduction means (36) includes a display means for displaying an image or video portion included in said voice mail message.

- 5 66. Mobile station according to one of claims 30 to 33, wherein said mobile station (30) is adapted to receive and readapt the voice mail message conforming to GPRS and/or UMTS standards.
- 10 67. Mobile station according to one of claims 30 to 34, wherein the mobile station (30) is adapted to adapt and transmit the voice mail message conforming to GPRS and/or UMTS standards.
- 15 68. Method for dispatching a voice mail message in a cellular network, comprising the steps of:
 adapting, within a mobile station (30), a voice mail message into a format suitable for transmission by a network channel which does not meet a delay requirement
20 for delay sensitive information,
 dispatching the adapted voice mail message to another mobile station,
 receiving the adapted voice mail message by said other mobile station;
25 readapting the received message into a reproducible format in said other mobile station, and
 reproducing the stored voice mail message,
 wherein said adapting step includes a step for packetising the voice mail message into data packets
30 suitable for packet-switched transmission.
69. Method according to claim 36, further comprising a step of storing a plurality of voice mail messages.

70. Method according to claim 36 or 37, wherein said reproduction step comprises a step of displaying an image or video portion included in said voice mail message.

5 71. Method according to one of claims 36 to 38, said readapting and receiving steps are performed conforming to GPRS and/or UMTS standards.

10 72. Method according to one of claims 36 to 39, wherein said adapting and transmitting steps are performed conforming to GPRS and/or UMTS standards.

11 73. Method according to one of claims 36 to 39, wherein said adapting and transmitting steps are performed conforming to GPRS and/or UMTS standards.